AMENDMENTS TO THE SPECIFICATION

Note: paragraph numbers referred to herein are with respect to the published application (US 2002/0165990 A1, published Nov. 7, 2002).

Please amend the Title as follows:

-- ~~METHOD AND SYSTEM FOR~~ ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT--

Please amend the Abstract as follows:

--~~A system and a method~~Techniques for enabling existing short range wireless access points to participate within a coordinated networked environment through the use of adapters that extend the access points' capabilities, implement policies, and perform other operations are disclosed. In one particular configuration, a network adapter comprises a wireline network interface, a wireless network interface, an IP stack (e.g., for carrying out functions such as packet filtering, rewriting, and forwarding), and network coordination software for communicating with a network control server (e.g., provides configuration information used by the adapter).--

Please amend paragraph #0024 as follows:

-- The adapters 101 communicate with a Network Control Server (NCS) 103 which maintains information required by the adapters 101 in the networked environment. Preferably, the NCS 103 communicates with the adapters 101 via LAN 102. However, as will be apparent to those skilled in the art, the Network Control Server 103 can be attached directly to each adapter 101, or it can communicate with the adapters via a wide-area network (WAN), such as the Internet 50.--

Please amend paragraph #0031 as follows:

-- Wireline network interface 200 can comprise an Ethernet, token ring or ~~other~~ any other local area network (LAN) known in the art. In the preferred embodiment of the present invention, network adapter 101 incorporates a single wireline network interface 200. However, as will be apparent to those skilled in the art, alternative embodiments of the present invention can include multiple wireline network interfaces, each connecting the adapter 101 to a different LAN.--

Please amend paragraph #0038 as follows:

-- Referring now to FIG. 5, the adapter 101 is illustrated connected to a plurality of access points 100 via a switch 500. In an alternative embodiment of the present invention, adapter 101 provides services to a plurality of short-range wireless access points 100. In this environment, a plurality of short-range wireless access points 100 are individually coupled to switch 500. Although FIG. 5 depicts each access point 100 located on a dedicated segment connected to the switch 500, it will be apparent to those skilled in the art that a single LAN segment can contain multiple wireless access points. Adapter 101 is also attached to switch 500. In this embodiment, the adapter's wireline and wireless interfaces are preferably integrated into a single connection 503 of switch 500. In one implementation of this embodiment, the switch 500 is programmed to automatically forward all inbound packets originating from access point LAN segments 501a, 501b, 501c, for example to the LAN segment 503 containing the adapter 101. The switch 500 is also programmed to automatically forward all packets not originating from the LAN segment 503 containing the adapter (e.g., originating from LAN 102 and arriving via segment 502) and destined to an access point LAN segment 501, to the LAN segment 503 containing the adapter 101. In this manner, the adapter 101 can receive and process all packets originating from and destined to the access points 100. As previously explained in reference to FIG. 1, the Network Control Server 103 can communicate with the adapters 101 via LAN 102, or can be attached directly to each adapter 101, or can communicate with the adapters via a wide-area network (WAN), such as the Internet 50.--